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PATENT
P53821C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

RICHARD G. HYATT

Serial No.: 08/720,070 Examiner: *BARRETT, SUZANNE DINO*

Filed: 27 September 1996 Art Unit: 3627
CPA filed on 8 July 1999

For: ELECTROMECHANICAL CYLINDER PLUG

INFORMATION DISCLOSURE STATEMENT

Mail Stop Non-fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. § 1.56 and § § 1.97 and 1.98 as amended, applicant cites, provides copies, list and briefly discusses the following art references.

BRITISH PATENT REFERENCES:

	Patent No.	Inventor	Publication Date
•	GB 2 226 593	Anastasovski	4 July1990
•	GB 2 243 185	Tzou	23 October 1991
•	GB 2 221 714	Lee	14 February 1990
•	GB 2 250 052	Powell	27 May 1992

- GB 2 259 737 Andreou *et al.* 24 March 1993

DISCUSSION

The Anastasovski GB '593 discloses a remotely operated electronic lock with a plug P bearing a plurality of electrical pins that are functionally received by corresponding electrical contents held by a socket S. The locks divided into two parts, with a receiving socket being a "passive part of the Lock" and "a part for testing and activating the executive units" being placed within the protected space PS.

The Tzou GB '185 discloses an electronically self-latching cylinder lock with a latch and driving means 34, such as a solenoid, disposed in the cylinder 10 and a hole 183 formed in the plug 18 to receive the latch 31 therein when the latch 31 is moved toward it." Latch 31 "is biased by a spring 32 to be away from the hole 183" and "is disposed on a movable seat 33 which is made of ferromagnetic material and is so shaped that when the solenoid is energized, the movable seat 33 will be attracted, pushing the latch 31 forwards into the hole 183 so as to secure the plug 18 at the locked position."

The Lee GB '714 discloses a key card 1 and a control circuit 5 for the lock, with control circuit 5 incorporated into the lock to control the locking and unlocking.

The Powell GB '052 disclosed a key with actuating elements that enable the key to be read, constructed with a multiplicity of analogue electrical resistances representing a number unique to that key, to enable a form of an electromechanically operated lock effectuated by a solenoid-operated lever suitably displacing a detent associated with the deadbolt.

The Andreou GB '737 discloses in claims electronic lock with a mechanical locking means connected to the latch, and electromechanical means operatively connected to the mechanical locking means, and providing a primary motive force to the locking means, and an electronic control means responding to an encoded received signal, for selectively energizing the electromechanical means.

Pursuant to 37 CFR § 1.97 (e)(1), that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information designated in section 1.56(e) more than three months prior to the filing of the information disclosure statement.

Respectfully submitted,

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